

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

02-14-00 A

PATENT APPLICATION



INVENTOR(S) Rajiv Laroia  
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Sundeep Rangan  
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CASE 14-7-3-3

TITLE Signal Construction, Detection and Estimation for  
Uplink Timing Synchronization and Access Control  
in a Multi-Access Wireless Communication System

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Specification

3 Sheets of informal drawing(s)

1 Assignment with Cover Sheet

Declaration and Power of Attorney

Information Disclosure Statement with Form PTO-1449 and cited reference(s)

| CLAIMS AS FILED                               |           |           |            |              |
|---|-----------|-----------|------------|--------------|
|   | NO. FILED | NO. EXTRA | RATE       | CALCULATIONS |
| Total Claims                                  | 47-20 =   | 27        | x \$18 =   | \$486        |
| Independent Claims                            | 14-3 =    | 11        | x \$78 =   | \$858        |
| Multiple Dependent<br>Claim(s), if applicable |           |           | \$260 =    | \$0          |
| Basic Fee                                     |           |           |            | \$690        |
|   |           |           | TOTAL FEE: | \$2034       |

Please file the application and charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$2034, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

Please address all correspondence to: **Joseph B. Ryan, Ryan & Mason, L.L.P., 90 Forest Avenue, Locust Valley, New York 11560.** Telephone calls should be made to the under-signed attorney at (516) 759-7517.

Respectfully,

Joseph B. Ryan

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Date: February 11, 2000  
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